

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A vehicle-mounted camera apparatus, comprising:

a camera mounted on a vehicle;

a vibration detector provided on a suspension of said vehicle that detects variation of force applied to a piston rod of a shock absorber contained within said suspension of said vehicle as vibration transferred to said vehicle;

a sensor provided on an impact-absorbing air bag for detecting acceleration in a transverse direction of said vehicle;

an image motion blur corrector for correcting a motion-~~blur~~ blur, in an image captured by said camera, in a vertical direction, based on vibrations detected by said vibration detector and correcting a motion blur, in said image capture by said camera, in the transverse direction, based on acceleration detected by said sensor; and

a display controller for displaying an image corrected by said image motion blur corrector.

2. (Canceled)

3. (Currently amended) A vehicle-mounted camera apparatus comprising:

a camera mounted on a vehicle;

a vibration detector provided on a suspension of said vehicle in the vicinity of the position where said camera is mounted;

a sensor provided on an impact-absorbing air bag for detecting acceleration in a transverse direction of said vehicle;

an image motion blur corrector for correcting a motion-~~blur~~ blur, in an image captured by

said camera, in a vertical direction, based on vibrations detected by said vibration detector and correcting a motion blur, in said image captured by said camera, in the transverse direction, based on acceleration detected by said sensor; and

a display controller for displaying an image corrected by said image motion blur corrector.

4. (Canceled)

5. (Original) The vehicle-mounted camera apparatus according to claim 1, wherein said vibration detector is a sensor for controlling damping force of a shock absorber of a suspension of said vehicle.

6. (Canceled)

7. (Original) The vehicle-mounted camera apparatus according to claim 3, wherein said vibration detector is a sensor for controlling damping force of a shock absorber of a suspension of said vehicle.

8. (Previously presented) The vehicle-mounted camera apparatus according to claim 1, wherein said image motion blur corrector determines an amount and direction of a motion blur in an image displayed on a screen that corresponds to the image captured by said camera based on vibrations detected by said vibration detector, and

changes an area to be displayed on said screen, within an image captured by said camera, according to said amount and direction of a image motion blur.

9. (Canceled)

10. (Previously presented) The vehicle-mounted camera apparatus according to claim 3, wherein said image motion blur corrector determines an amount and direction of a motion blur in an image displayed on a screen that corresponds to the image captured by said camera based on vibrations detected by said vibration detector, and

changes an area to be displayed on said screen, within an image captured by said camera, according to said amount and direction of a image motion blur.

11. (Previously presented) The vehicle-mounted camera apparatus according to claim 5, wherein said image motion blur corrector determines an amount and direction of a motion blur in an image displayed on a screen that corresponds to the image captured by said camera based on vibrations detected by said vibration detector, and

changes an area to be displayed on said screen, within an image captured by said camera, according to said amount and direction of a image motion blur.

12. (Previously presented) The vehicle-mounted camera apparatus according to claim 1, wherein said vibration detector outputs a voltage to the image motion blur corrector that is relative to an amount of expansion or contraction of said suspension of said vehicle.

13. (Previously presented) The vehicle-mounted camera apparatus according to claim 1, wherein said vibration detector detects the variation in force applied to the piston rod due to an unevenness of the road surface and outputs a voltage based thereon to the image motion blur corrector.

14. (Previously presented) The vehicle-mounted camera apparatus according to claim 3, wherein said vibration detector outputs a voltage to the image motion blur corrector that is relative to an amount of expansion or contraction of said suspension of said vehicle.

15. (Previously presented) The vehicle-mounted camera apparatus according to claim 3, wherein said vibration detector is connected to a piston rod contained within said suspension system of said vehicle, detects a variation in force applied to the piston rod due to an unevenness of the road surface and outputs a voltage based thereon to the image motion blur corrector.

16. (Currently amended) A vehicle-mounted camera apparatus, comprising:

a camera mounted on a vehicle;

a road surface sensor mounted on a suspension of said vehicle;

a suspension controller receiving an output from said road surface sensor and outputting a signal controlling an actuator of said suspension of said vehicle;

a sensor provided on an impact-absorbing air bag for detecting acceleration in a transverse direction of said vehicle;

an image motion blur ~~corrector~~corrector for correcting a motion blur in an image captured by said camera, in a vertical direction, based on a voltage output from the suspension controller and correcting a motion blur, in said image captured by said camera, in the transverse direction, based on acceleration detected by said sensor; and

a display controller displaying an image corrected by said image motion blur corrector.